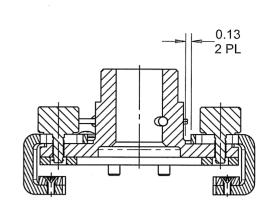
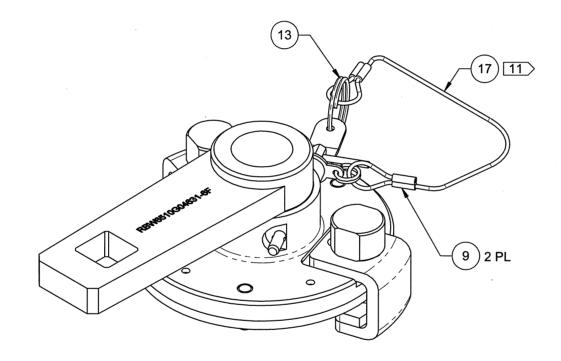
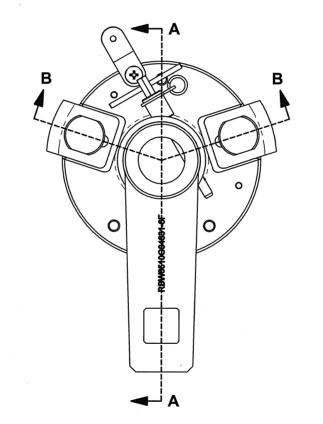
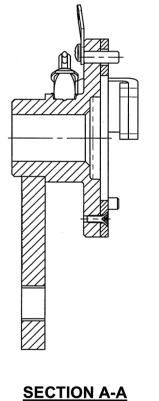
	8	/	6	5	4
ITEM#	QTY	PART#	PART TITLE		
-1	1	RBW6510G04631-6F-1	REACTION WELDMENT ASSEMBLY		
-5	1	RBW6510G04631-6F-5	SPACER		
-6	2	RBW6510G04631-6F-6	BRACKET		
-7	2	RBW6510G04631-6F-7		BRACKET PROTECTOR	
-8	2	RBW6510G04631-6F-8		BRACKET PIN	
9	2	McMaster#3896T31 OR EQUIV.	ALUMINUM WIRE ROP	E COMPRESSION SLEEV	/E 1/16" DIA. X 3/8" LG.
10	1	McMaster#90272A423 OR EQUIV.	ZINC PLATED STEEL I	PAN HEAD PHILLIPS SCF	REW #10-32 X 3/16" LG.
11	2	McMaster#90273A192 OR EQUIV.	ZINC PLATED STEEL PHILL	IPS FLAT HEAD SCREW	#8-32 X 3/8" LG. X 82° CSK.
12	3	McMaster#90273A193 OR EQUIV.	ZINC PLATED STEEL PHILL	IPS FLAT HEAD SCREW	#8-32 X 7/16" LG. X 82° CSK.
13	1	McMaster#90905A655 OR EQUIV.	316 SS SPLIT F	RING 15/16" ID. X 1-1/16"	OD. X 1/8" THK.
14	1	McMaster#94505A115 OR EQUIV.	17-4 PH SS T-HANDLE QI	UICK RELEASE PIN 3/16"	DIA. X 1-1/2" USABLE LG.
15	1	McMaster#97840A460 OR EQUIV.	18-8 SS TAB FOR WIRE RO	OPE LANYARD 1.40" LG.	X 1/2" WIDTH. X 1/16" THK.
16	2	McMaster#98410A110 OR EQUIV.	BERYLLIUM COPPER RETA	INING RING FOR 3/16" O	D. X 0.168" ID. X 0.015" THK.



SECTION B-B (ROTATED 18° CW)







## RBW6510G04631-6F REACTION ASSEMBLY

NOTES: 1) MATERIAL: N/A 2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1° X.XX = +/- 0.01" / +/- 0.5°

CARR-LANE#CL-2-C

A.AA = +/- 0.01" / +/- 0.5"

X.XXX = +/- 0.005" / +/- 0.1"

X.XXXX = +/- 0.0005" / +/- 0.05"

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) IDENTIFICATION: N/A

7) ASSEMBLE AS SHOWAL

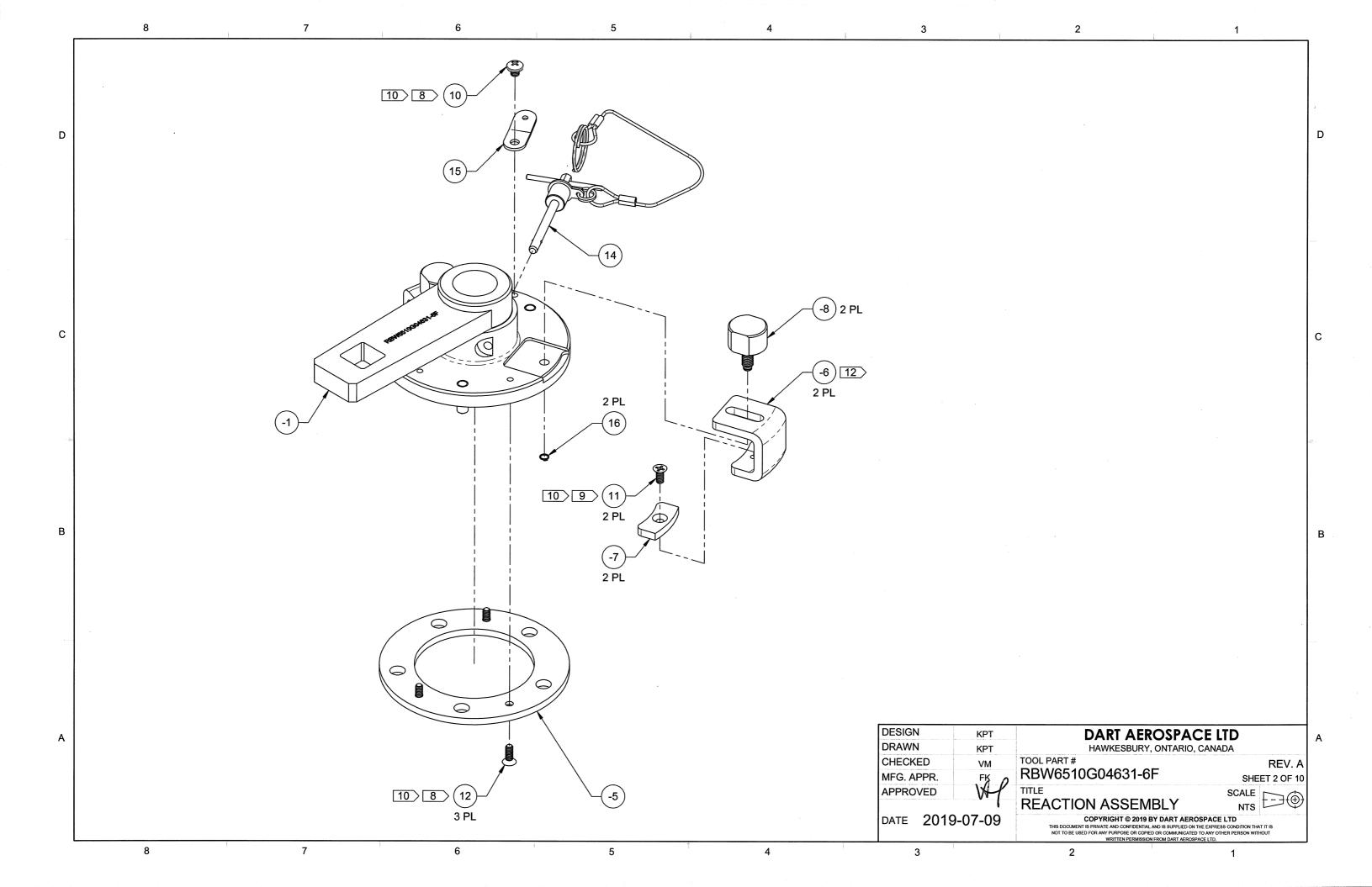
7) ASSEMBLE AS SHOWN

8) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEMS 10 AND 12 THEN ASSEMBLE WITH ITEM -1, AND REMOVE EXCESS 9) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 11 THEN ASSEMBLE WITH ITEM -6, AND REMOVE EXCESS

10) INSTALL ITEMS 10, 11, AND 12 HAND TIGHT
11) ASSEMBLED LANYARD LENGTH MUST BE 6" +/- 1", LANYARD MUST MOVE FREELY WHEN INSTALLING/REMOVING ITEM 14
12) ITEM -6 MUST SLIDE FREELY WHEN ITEM -8 IS LOOSENED
13) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

Α	NEW ISS	UE	19-807	KPT	
REV.			DESCRIPTION	ECN#	BY
DESIGN		KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN		KPT			
CHECKED		VM	TOOL PART #	REV. A	
MFG. APPR.		FK _	RBW6510G04631-6F	SHEET 1 OF 10	
APPROVED W		W	TITLE REACTION ASSEMBLY	SCALE	-)( <del>(</del> ())
DATE 2019-07-09			INLACTION ASSEMBLT	NTS -	- 4
			COPYRIGHT © 2019 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS  NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT		

NYLON COATED STEEL LANYARD 1/16" DIA.



7 ITEM# QTY PART# PART TITLE -2 RBW6510G04631-6F-2 **REACTION WELDMENT** 1 16 3 McMaster#98381A328 OR EQUIV. BLACK OXIDE STEEL DOWEL PIN 1/4" DIA. X 3/4" LG. 0.39 REF 3 PL 0 0 (16) 8 3 PL **SECTION C-C** RBW6510G04631-6F-1 REACTION WELDMENT ASSEMBLY NOTES: 1) MATERIAL: N/A 2) HEAT TREAT: N/A

В

D

- 3) FINISH: N/A

- 8) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEM 16 FLUSH WITH ITEM -2, AND REMOVE EXCESS

DESIGN	KPT	DART AEROSPACE LTD		
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA		•
CHECKED	VM	TOOL PART #	REV. A	
MFG. APPR.	FK, a	RBW6510G04631-6F	SHEET 3 OF 10	1
APPROVED	1/4	TITLE	SCALE CO	
THE THE PROPERTY OF THE PROPER	Annual Control of the	REACTION ASSEMBLY	NTS (1997)	
DATE 2019	9-07-09	COPYRIGHT © 2019 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS  NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT  WRITTEN PERMISSION FROM DART AEROSPACE LTD.		

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7 6 ITEM# QTY PART TITLE PART# RBW6510G04631-6F-3 REACTION -3 1 -4 RBW6510G04631-6F-4 HANDLE 1 RBW6510G04631-6F RBW6510G04631-6F-2 REACTION WELDMENT **SECTION D-D** ´-3 ) 1) MATERIAL: N/A 2) HEAT TREAT: 36-40 RC 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5° **DESIGN** DART AEROSPACE LTD KPT DRAWN KPT HAWKESBURY, ONTARIO, CANADA CHECKED TOOL PART # VM REV. A X.XXX = +/-0.005" / +/-0.1° RBW6510G04631-6F X.XXXX = +/-0.0005" / +/-0.05° MFG. APPR. SHEET 4 OF 10 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005" TITLE APPROVED SCALE 5) UNITS: INCHES UNLESS OTHERWISE NOTED 6) REMOVE ALL WELD SPATTERS **REACTION ASSEMBLY** NTS DATE 2019-07-09 7) IDENTIFICATION: N/A COPYRIGHT © 2019 BY DART AEROSPACE LTD

8) ASSEMBLE AS SHOWN

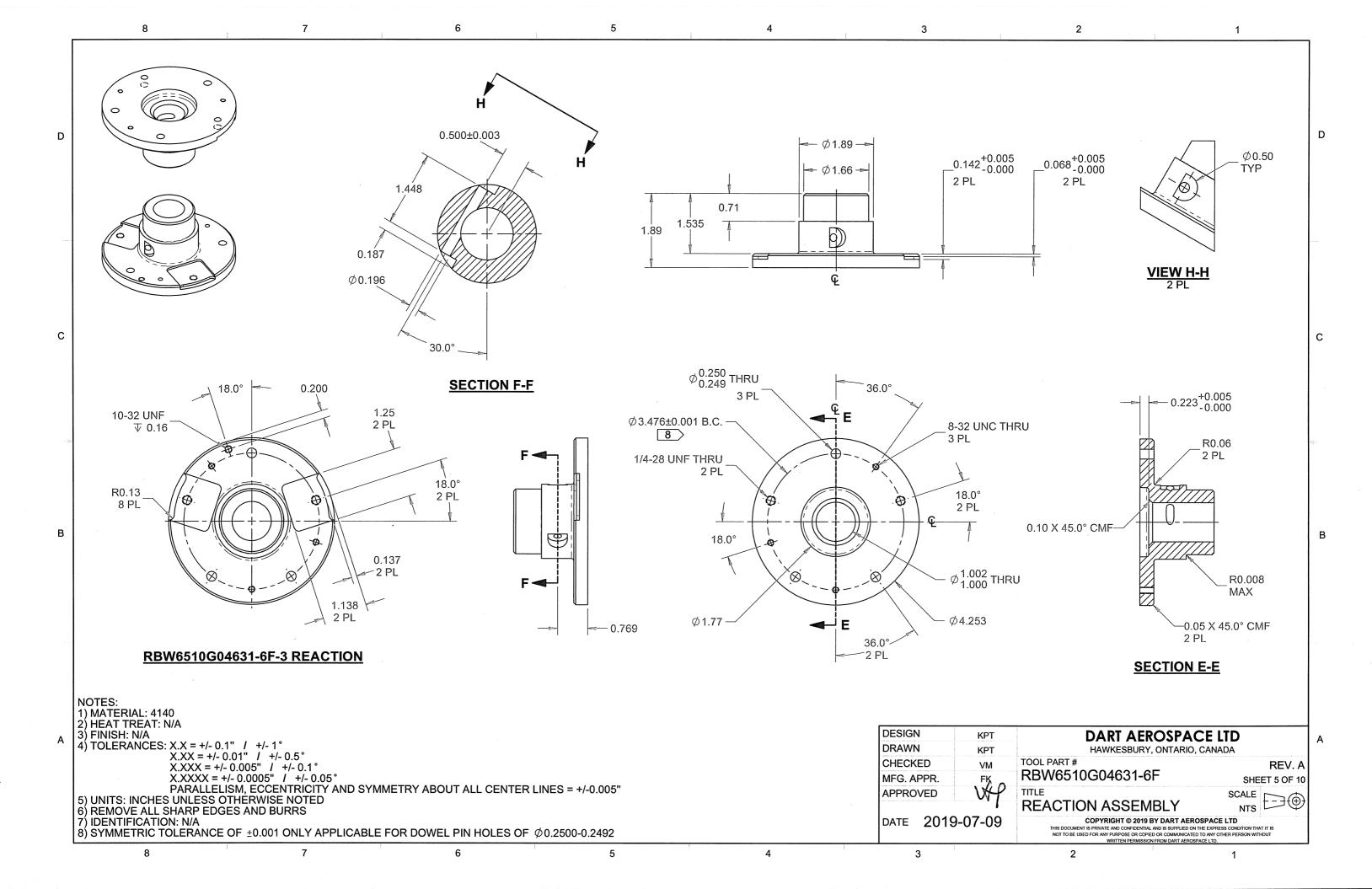
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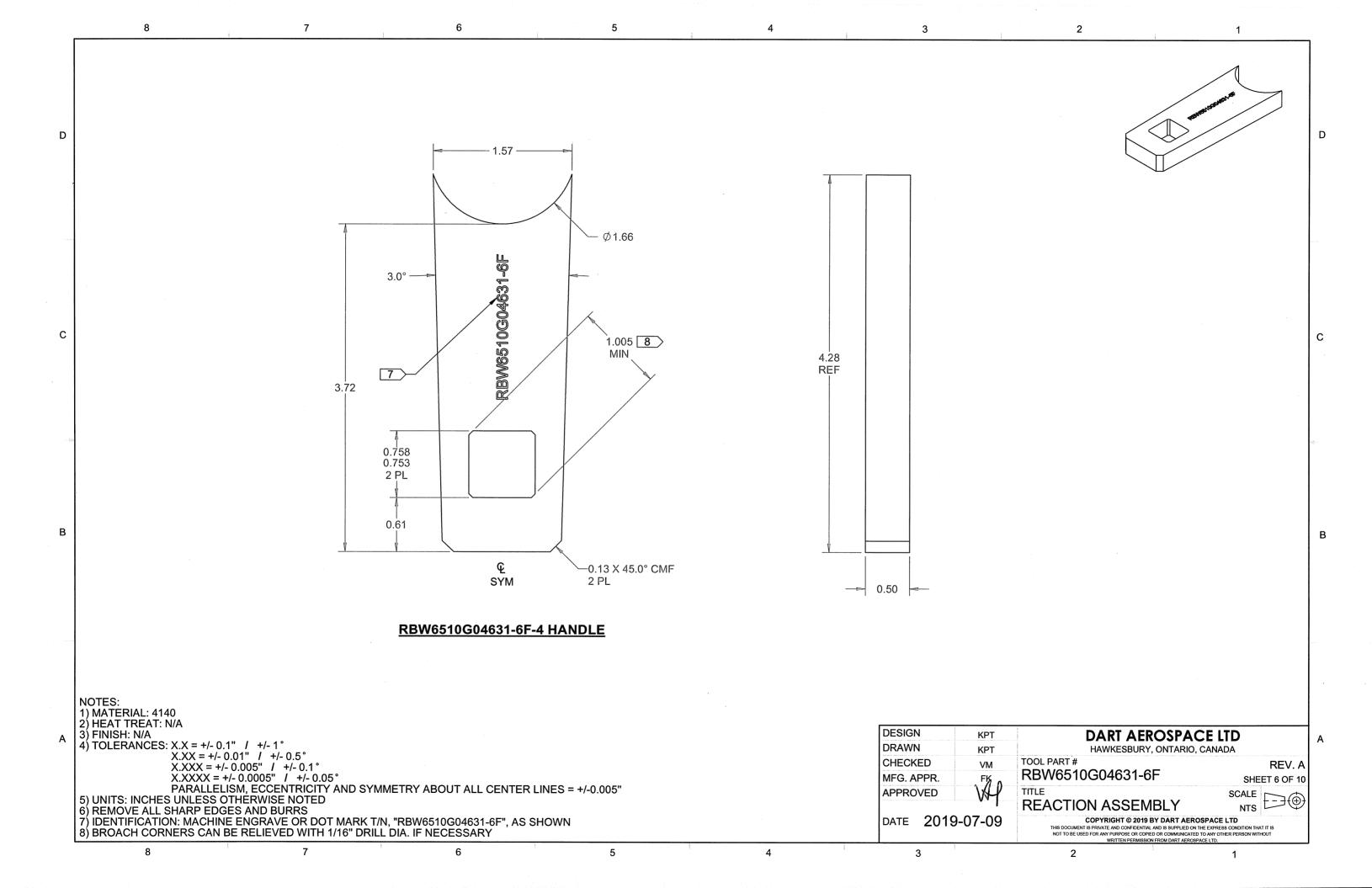
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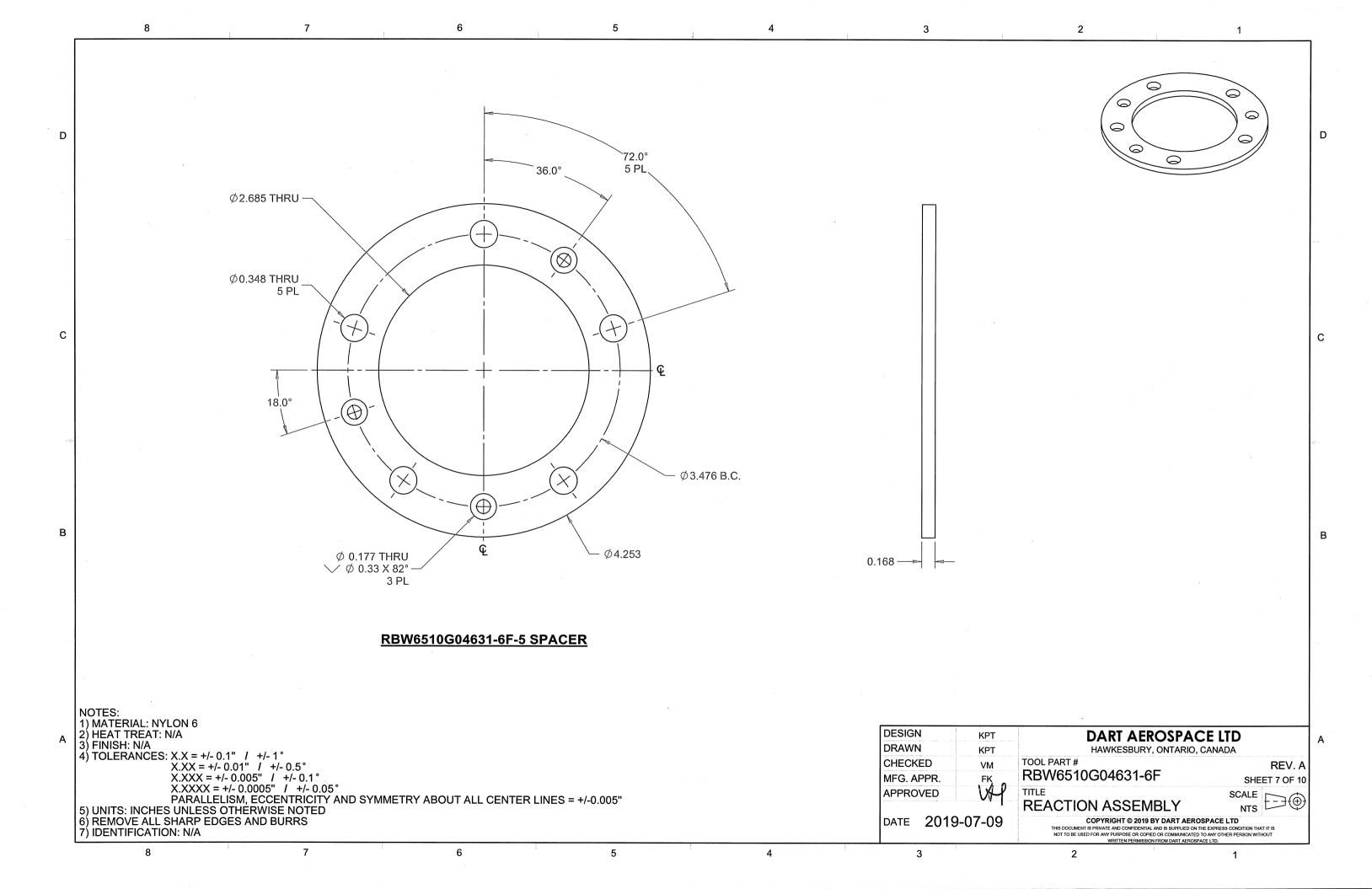
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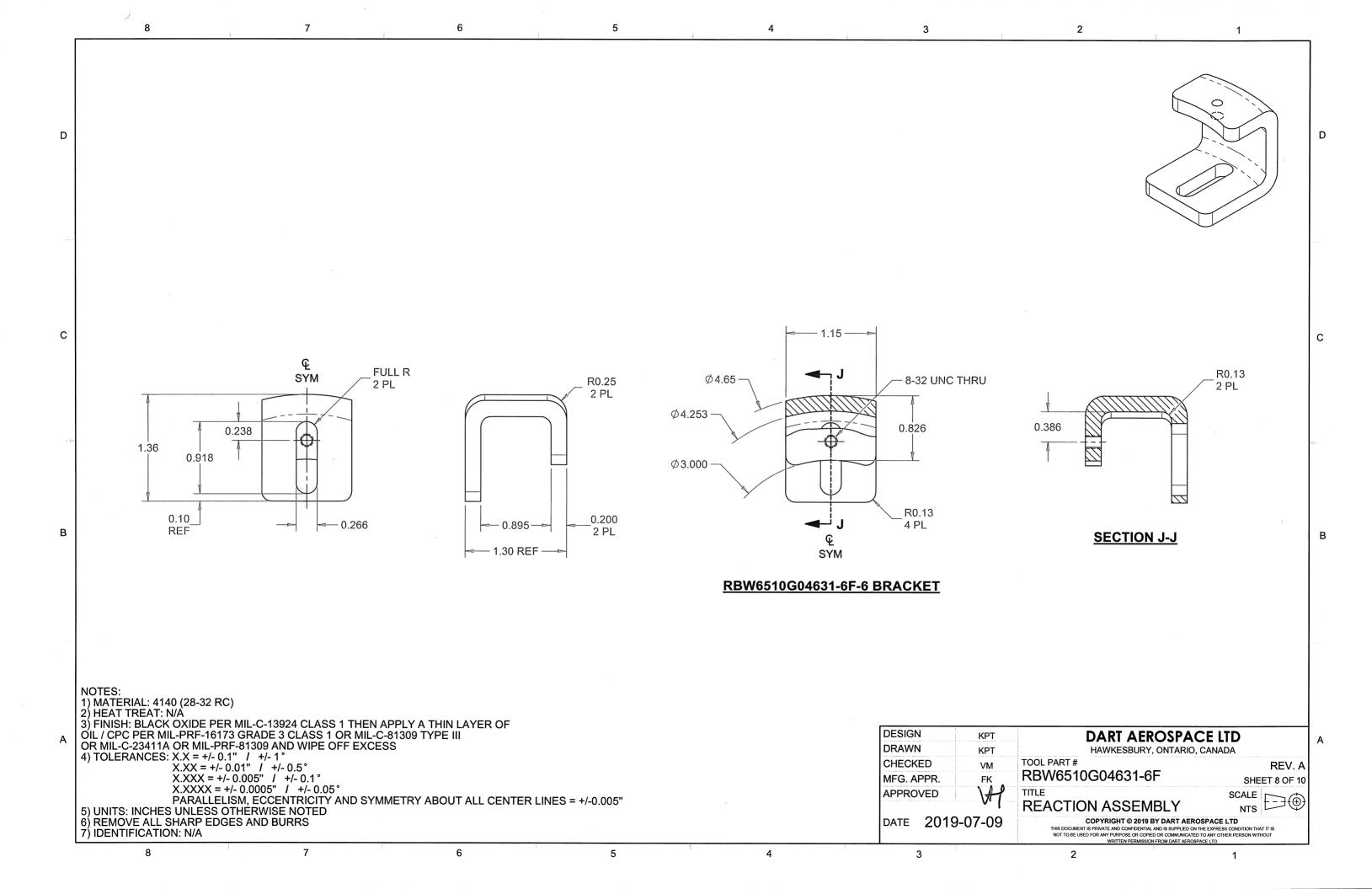
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7 3 D D  $\emptyset 4.00$ 0.240 Œ  $\emptyset$  3.000 -SYM R0.13 0.19 2 PL Ø 0.177 THRU √ Ø 0.33 X 82° В RBW6510G04631-6F-7 BRACKET PROTECTOR NOTES: 1) MATERIAL: NYLON 6 2) HEAT TREAT: N/A 3) FINISH: N/A DESIGN DART AEROSPACE LTD KPT DRAWN HAWKESBURY, ONTARIO, CANADA KPT 4) TOLERANCES: X.X = +/- 0.1" / +/- 1° CHECKED TOOL PART # X.XX = +/-0.01" / +/-0.5° VM REV. A RBW6510G04631-6F MFG. APPR. SHEET 9 OF 10 **APPROVED** SCALE NTS -REACTION ASSEMBLY 5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) REMOVE ALL SHARP EDGES AND BURRS
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